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**Amendments to the Claims:** 

This listing of claims will replace all prior versions, and listings, of claims in the

application:

**Listing of Claims:** 

1. (Withdrawn) A method of determining the invasivity of malignant disorders

comprising measuring the expression of at least one gene selected from the group

consisting of AXL, GAS, MMP14, ADAM12, ADAM17, MT3MMP, FGF2, FGF5, FYN,

LYN, DDR2, TIMP1, HBEGF, SGF, S6KII, MAP4K4, SIRP.alpha., Annexin 2, Stat 5b

and EDG2 wherein a high expression correlates with a high invasivity.

2. (Withdrawn) The method of claim 1, comprising measuring the expression of at least

two genes selected from said group.

3. (Withdrawn) The method of claim claim 1, wherein the malignant disorder is cancer,

particularly selected from breast cancer, prostate cancer, kidney cancer, lung cancer,

colon cancer, glioblastomas and other cancers.

4. (Withdrawn) The method of claim 1, wherein the malignant disorder is cancer,

particularly selected from breast cancer, prostate cancer, kidney cancer, lung cancer,

colon cancer, glioblastomas and other cancers.

5. (Withdrawn) The method of claim 4, wherein the cancer is glioblastomas.

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6. (Withdrawn) The method of claim 1, wherein the expression is determined on the

mRNA level.

7. (Withdrawn) The method of claim 6, wherein the expression is determined on a

nucleic acid array.

8. (Withdrawn) The method of claim 1, wherein the expression is determined on the

protein level.

9. (Withdrawn) The method of claim 8, wherein the expression is determined by an

immunoassay.

10. (Currently Amended) A method of reducing the invasivity of cancer cells in a subject

in need thereof comprising inhibiting AXL gene expression, AXL protein activity,

interaction between AXL protein and its ligands, or a combination thereof, wherein said

inhibition step comprises administering to the subject an inhibitor of the AXL gene, AXL

ligand gene, AXL protein and/or AXL protein ligand, or any combination thereof, in an

amount which is effective for reducing the invasivity of cancer cells, and wherein said

inhibitor of the AXL protein us selected from the group consisting of anti-AXL antibodies

or Fab, Fab', Fab2 or scFV antigen binding fragments thereof, and wherein said cancer

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cells are selected from the group consisting of breast cancer cells, prostate cancer cells,

kidney cancer cells, glioblastoma cells or cancer cells of epithelial origin.

11. (Withdrawn) The method of claim 10, wherein the AXL protein ligand is GAS6.

12. (Currently Amended) The method of claim 40 38 comprising inhibiting the receptor

tyrosine kinase activity of the AXL protein.

13. (Withdrawn) The method of claim 10 comprising inhibiting the expression of the AXL

gene.

14. (Currently Amended) The method of claim 40 38 comprising inhibiting the

interaction between the AXL protein and its ligands.

15. (Canceled).

16. (Canceled).

17. (Previously Presented) The method of claim 10, wherein the cancer cells are

glioblastoma cells.

18. (Previously Presented) The method of claim 10, wherein the subject is a mammal.

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19. (Previously Presented) The method of claim 10, wherein at least one of the AXL

protein inhibitor and the AXL protein ligand inhibitor is an antibody directed against the

AXL protein.

20. (Withdrawn) The method of claim 10, wherein the inhibitor is an antisense nucleic

acid, a ribozyme or an RNA interference molecule directed against the AXL gene or a

transcript thereof.

21. (Withdrawn) The method of claim 10, wherein the inhibitor is a dominant-negative

mutant of the AXL gene.

22. (Withdrawn) A pharmaceutical composition comprising as an active agent an

inhibitor of the AXL gene, AXL ligand gene, AXL protein and/or AXL protein ligand

together with pharmacologically active diluents, carriers and/or adjuvants.

23. (Withdrawn) The composition of claim 22, wherein the inhibitor is an antibody

directed against the AXL protein.

24. (Withdrawn) The composition of claim 22, wherein the inhibitor is an antisense

nucleic acid, a ribozyme or an RNA interference molecule directed against the AXL

gene or a transcript thereof.

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25. (Withdrawn) The composition of claim 22, wherein the inhibitor is a dominantnegative mutant of the AXL gene.

26. (Withdrawn) The composition of claim 22 for reducing the invasivity of malignant disorders.

27. (Withdrawn) The composition of claim 22 for reducing the metastasis formation in malignant disorders.

28. (Withdrawn) The composition of claim 26, wherein the malignant disorder is glioblastomas.

29. (Withdrawn) The composition of claim 22 comprising at least one further active agent.

- 30. (Withdrawn) The composition of claim 29, wherein the further active agent is a cytotoxic or cytostatic agent.
- 31. (Withdrawn) A method of identifying and/or characterizing an inhibitor of the invasivity of malignant disorders comprising determining, if a test compound is capable of inhibiting the AXL gene, AXL ligand gene, AXL protein and/or AXL protein ligand.

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32. (Withdrawn) The method of claim 31 comprising determining, if a test compound is

capable of binding to the AXL protein and/or reducing the AXL gene expression.

33. (Withdrawn) The method of claim 31, wherein a cell-based assay system is used.

34. (Withdrawn) The method of claim 31, wherein a cell-free assay system is used.

35. (Previously Presented) The method of claim 10, wherein the subject is a human.

36. (Currently Amended) The method of claim 10, wherein said inhibitor of the AXL

protein and/or AXL protein ligand is selected from the group consisting of Fab, Fab', or

Fab2 fragments, and scFV fragments.

37. (New) The method of claim 10, further comprising inhibiting AXL gene expression

by administering the inhibitor of the AXL gene or the inhibitor of the AXL ligand gene, or

a combination thereof.

38. (New) The method of claim 10, further comprising inhibiting AXL protein activity or

inhibiting the interaction between AXL protein and its ligand, or a combination thereof,

by administering the inhibitor of the AXL protein or the inhibitor of the AXL protein

ligand, or a combination thereof.

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39. (New) The method of claim 38, wherein the inhibitor of the AXL protein is an anti-

AXL antibody and wherein the cancer cells are prostate cancer cells.